

1. Correction of Information - 37 CFR 1.82

A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require

inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office

1. DRAWINGS. 37 CFR 1.84(f): Acceptable categories of drawings:  
 \_\_\_\_\_ Black ink. Colored drawings are not acceptable until policy is granted.  
 \_\_\_\_\_ Color drawings are not acceptable until policy is granted.  
 \_\_\_\_\_ Fig(s) \_\_\_\_\_  
 \_\_\_\_\_ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_
2. PHOTOGRAPHS. 37 CFR 1.84 (h)  
 \_\_\_\_\_ 1 full-tone set is required. Fig(s) \_\_\_\_\_  
 \_\_\_\_\_ Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) \_\_\_\_\_  
 \_\_\_\_\_ Poor quality (half-tone). Fig(s) \_\_\_\_\_
3. TYPE OF PAPER. 37 CFR 1.84(e)  
 \_\_\_\_\_ Paper must be flexible, strong, white, and durable. Fig(s) \_\_\_\_\_  
 \_\_\_\_\_ Erasures, alterations, overwritings, corrections, or copy machine marks not accepted. Fig(s) \_\_\_\_\_  
 \_\_\_\_\_ Mylar vellum paper is not acceptable (too thin). Fig(s) \_\_\_\_\_
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:  
 \_\_\_\_\_ 21.0 cm by 29.7 cm (DIN size A4)  
 \_\_\_\_\_ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  
 \_\_\_\_\_ All drawing sheets not the same size.  
 \_\_\_\_\_ Sheet(s) \_\_\_\_\_  
 \_\_\_\_\_ Drawing sheets not an acceptable size. Fig(s) \_\_\_\_\_
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:  
 \_\_\_\_\_ Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
 \_\_\_\_\_ SIZE: A4 Size  
 \_\_\_\_\_ Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
 \_\_\_\_\_ SIZE: 8 1/2 x 11 inches  
 \_\_\_\_\_ Margins not acceptable. Fig(s) \_\_\_\_\_  
 \_\_\_\_\_ Top (T) \_\_\_\_\_  
 \_\_\_\_\_ Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_
6. VIEWS. 37 CFR 1.84(h)  
 \_\_\_\_\_ REMINDER: Specification may require revision to correspond to drawing changes.  
 \_\_\_\_\_ Partial views. 37 CFR 1.84(h)(2).  
 \_\_\_\_\_ Brackets needed to show figure as one entity. Fig(s) \_\_\_\_\_  
 \_\_\_\_\_ Views not labeled separately or properly. Fig(s) \_\_\_\_\_  
 \_\_\_\_\_ Enlarged view not labeled separately or properly. Fig(s) \_\_\_\_\_
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  
 \_\_\_\_\_ Hatching not indicated for sectional portions of an object. Fig(s) \_\_\_\_\_  
 \_\_\_\_\_ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_
8. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i)  
 \_\_\_\_\_ Lines must be uniform in thickness and well defined, clean, durable, and black (pencil line quality). Fig(s) \_\_\_\_\_  
 \_\_\_\_\_ Solid black shading not permitted. Fig(s) \_\_\_\_\_  
 \_\_\_\_\_ Shading must be rough and uniform. Fig(s) \_\_\_\_\_
9. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)  
 \_\_\_\_\_ Numbers and reference characters not plain and legible. Fig(s) \_\_\_\_\_  
 \_\_\_\_\_ Figure legends are poor. Fig(s) \_\_\_\_\_  
 \_\_\_\_\_ Numbers and reference characters not oriented in the same direction as the view. Fig(s) \_\_\_\_\_  
 \_\_\_\_\_ English alphabet not used. 37 CFR 1.84(p)(2)  
 \_\_\_\_\_ Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)  
 \_\_\_\_\_ Fig(s) \_\_\_\_\_
10. LEAD LINES. 37 CFR 1.84(q)  
 \_\_\_\_\_ Lead lines cross each other. Fig(s) \_\_\_\_\_  
 \_\_\_\_\_ Lead lines missing. Fig(s) \_\_\_\_\_
11. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(ii)  
 \_\_\_\_\_ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) \_\_\_\_\_
12. NUMBERING OF VIEWS. 37 CFR 1.84(iii)  
 \_\_\_\_\_ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_
13. CORRECTIONS. 37 CFR 1.84(w)  
 \_\_\_\_\_ Corrections not made from prior PTO-948 dated \_\_\_\_\_
14. DESIGN DRAWINGS. 37 CFR 1.152  
 \_\_\_\_\_ Surface shading shown not appropriate. Fig(s) \_\_\_\_\_  
 \_\_\_\_\_ Solid black shading not used for color contrast. Fig(s) \_\_\_\_\_

## COMMENTS

## REVIEWER

DATE \_\_\_\_\_

TELEPHONE NO. \_\_\_\_\_

ATTACHMENT TO PAPER NO.

20

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INFORMATION ON HOW TO EFFECT DRAWING CHANGES  
NOTICE OF DRAWING REVIEW

1. Correction of Informalities--37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office

is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(e). Applicant may delay filing of the new drawings until receipt of

the Notice of Allowability (PTOL 37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing

Processing Branch.

2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL 37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of submitting an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in ABANDONMENT of the Application.

3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

13. LEAD LINES: 37 CFR 1.84(d)  
Lead lines cross each other. Fig(s) \_\_\_\_\_  
Lead lines missing. Fig(s) \_\_\_\_\_
14. NUMBERING OF SHEETS OR DRAWINGS: 37 CFR 1.84(i)  
Sheet not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) \_\_\_\_\_
15. NUMBERING OF VIEWS: 37 CFR 1.84(j)  
Views not numbered consecutively, and in Arabic numerals beginning with number 1. Fig(s) \_\_\_\_\_
16. CORRECTIONS: 37 CFR 1.84(w)  
Corrections not made from prior PTO-948 dated \_\_\_\_\_
17. DESIGN DRAWINGS: 37 CFR 1.152  
Structural shading shown not appropriate. Fig(s) \_\_\_\_\_  
Solid black shading not used for color contrast. Fig(s) \_\_\_\_\_

COMMENTS

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**Attachment for PTO-948 (Rev. 03/01, or earlier)**  
**6/18/01**

**The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.**

**INFORMATION ON HOW TO EFFECT DRAWING CHANGES**

**1. Correction of Informalities -- 37 CFR 1.85**

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may **NOT** be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

**2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.**

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

**Timing of Corrections**

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.